

TO:DICKSTEIN SHAPIRO LLP COMPANY:1825 EYE STREET, NW

**UNITED STATES PATENT AND
TRADEMARK OFFICE****Facsimile Transmission**

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TO:DICKSTEIN SHAPIRO LLP COMPANY:1825 EYE STREET, NW

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

500748547

JANUARY 08, 2009

PTAS

DICKSTEIN SHAPIRO LLP
1825 EYE STREET, NW
WASHINGTON, DC 20006UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/08/2009

REEL/FRAME: 022071/0779
NUMBER OF PAGES: 11

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE ATTACHMENT "A" TO THE ASSIGNMENT PREVIOUSLY RECORDED ON REEL 022012 FRAME 0840. ASSIGNOR(S) HEREBY CONFIRMS THE ASSIGNMENT..

DOCKET NUMBER: M4065.0956/P956

ASSIGNOR:
MICRON TECHNOLOGY, INC.

DOC DATE: 09/26/2008

ASSIGNEE:
APTINA IMAGING CORPORATION
C/O CITCO TRUSTEES (CAYMAN)
LIMITED, REGATTA OFFICE PARK,
WEST BAY ROAD
GRAND CAYMAN, CAYMAN ISLANDS
Y1-
1205

SERIAL NUMBER: 10618627

FILING DATE: 07/15/2003

PATENT NUMBER: 7078746

ISSUE DATE: 07/18/2006

TITLE: IMAGE SENSOR WITH FLOATING DIFFUSION GATE CAPACITOR

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SHARON LATIMER, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

TO:DICKSTEIN SHAPIRO LLP COMPANY:1825 EYE STREET, NW

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.101/08/2009
500748547

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Attachment "A" to the Assignment previously recorded on Reel 022012 Frame 0840. Assignor(s) hereby confirms the Assignment..										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Micron Technology, Inc.</td><td>09/26/2008</td></tr></tbody></table>		Name	Execution Date	Micron Technology, Inc.	09/26/2008						
Name	Execution Date										
Micron Technology, Inc.	09/26/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Aptina Imaging Corporation</td></tr><tr><td>Street Address:</td><td>c/o Citco Trustees (Cayman) Limited, Regatta Office Park, West Bay Road</td></tr><tr><td>City:</td><td>Grand Cayman</td></tr><tr><td>State/Country:</td><td>CAYMAN ISLANDS</td></tr><tr><td>Postal Code:</td><td>Y1-1205</td></tr></table>		Name:	Aptina Imaging Corporation	Street Address:	c/o Citco Trustees (Cayman) Limited, Regatta Office Park, West Bay Road	City:	Grand Cayman	State/Country:	CAYMAN ISLANDS	Postal Code:	Y1-1205
Name:	Aptina Imaging Corporation										
Street Address:	c/o Citco Trustees (Cayman) Limited, Regatta Office Park, West Bay Road										
City:	Grand Cayman										
State/Country:	CAYMAN ISLANDS										
Postal Code:	Y1-1205										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>7078746</td></tr></tbody></table>		Property Type	Number	Patent Number:	7078746						
Property Type	Number										
Patent Number:	7078746										
CORRESPONDENCE DATA											
Fax Number: (202)420-2201 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 202-420-2200											
Email: parsonse@dicksteinshapiro.com											
Correspondent Name: Dickstein Shapiro LLP											
Address Line 1: 1825 Eye Street, NW											
Address Line 4: Washington, DISTRICT OF COLUMBIA 20006											
ATTORNEY DOCKET NUMBER:	M4065.0956/P956										
NAME OF SUBMITTER:	Thomas J. D'Amico										
Total Attachments: 9 source=M40650956#page1.tif source=M40650956#page2.tif source=M40650956#page3.tif											

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PATENT ASSIGNMENT AGREEMENT

1. Definitions

(a) "Agreement" shall mean this Patent Assignment Agreement.

(b) "Assignee" shall mean **Aptina Imaging Corporation**, a Cayman Islands corporation with offices at c/o Citco Trustees (Cayman) Limited, Regatta Office Park, West Bay Road, Grand Cayman, Y1-1205, Cayman Islands.

(c) "Assignor" shall mean **Micron Technology, Inc.**, a Delaware corporation with offices at 8000 South Federal Way, Boise, ID 83707.

(d) "Effective Date" shall mean October 3, 2008.

(e)



(f)



(g) "Imaging Patents" shall mean those patents identified in ATTACHMENT "A" hereto, including, without limitation, all divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts thereof, and which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(h) "Imaging Patent Applications" shall mean those filed patent applications identified in ATTACHMENT "B" hereto, including, without limitation, all patents, divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(i) "Semiconductor Patents" shall mean those patents identified in ATTACHMENT "D" hereto, including, without limitation, all divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts thereof, and which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(j) "Semiconductor Patent Applications" shall mean those filed patent applications identified in ATTACHMENT "E" hereto, including, without limitation, all patents, divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(k) [REDACTED]

2. [REDACTED]

(a) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Imaging Patents, including all rights to causes of action and remedies related thereto (including the right to sue for past, present or future infringement of rights related to the foregoing and the right to collect damages therefor). Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to issue the Imaging Patents to Assignee and to record assignment of the Imaging Patents to Assignee.

(b) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Intellectual Property rights in the Imaging Patent Applications. Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to record assignment of the Imaging Patent Applications to Assignee.

(c) [REDACTED]

(d) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, and subject further to the restrictions on the Semiconductor Patents set out below, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Semiconductor Patents, including all rights to causes of action and remedies related thereto (including the right to sue for past, present or future infringement of rights related to the foregoing and the right to collect damages therefor). Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to issue the Semiconductor Patents to Assignee and to record assignment of the Semiconductor Patents to Assignee.

(e) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, [REDACTED], Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Intellectual Property rights in the Semiconductor Patent Applications. Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to record assignment of the Semiconductor Patent Applications to Assignee.

(f)

[REDACTED]

[REDACTED]

[REDACTED]

3 [REDACTED]

[REDACTED]

4. [REDACTED]

[REDACTED]

5. [REDACTED]

[REDACTED]

[REDACTED]

6. [REDACTED]

[REDACTED]

7. **General**

This Agreement shall be effective as of the Effective Date hereof and shall be binding on the respective heirs, assigns, representatives, and successors of Assignor and of Assignee.

[the rest of this page intentionally left blank]

Agreed to by:

Micron Technology, Inc.

Signed: [Signature]

Date: 9/26/08, 2008

Notarization

State of Idaho

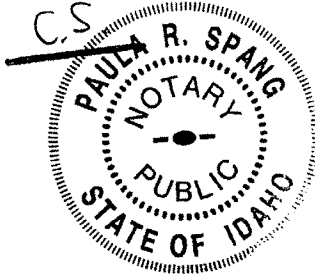
County of Ada

On 9/26/08 before me, Paula R. Spang, personally appeared the above-named Steven R. Appleton

who executed this Assignment in my presence and acknowledged to me that he did so of his own free will and in his authorized capacity for the purposes set forth herein.

Signed: [Signature]
My commission expires: 8/12/11

REVIEWED
MTI LEGAL



Agreed to by:

Aptina Imaging Corporation

Signed: Thomas L. Lauer Jr.

Date: 9/26/08, 2008

Notarization

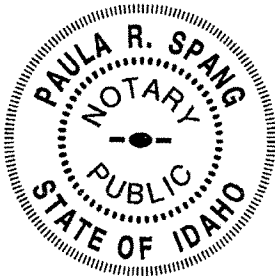
State of Idaho

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Signed: [Signature]
My commission expires: 8/12/11



[Signature page to the Patent Assignment Agreement]

ATTACHMENT "A"

IMAGING PATENTS

Aptina Issued

PATENT NUMBER	FILE NUMBER	TITLE	COUNTRY NAME	ISSUE DATE
		VOLTAGE OPERATION		
7078746	2003-0130.00/US	IMAGE SENSOR WITH FLOATING DIFFUSION GATE CAPACITOR	United States of America	Jul 18, 2006
7081608	2003-0714.00/US	PIXEL WITH DIFFERENTIAL READOUT	United States of America	Jul 25, 2006
7081922	AVGO-0032.00/US	Apparatus and Method for Obtaining Average Scene Intensity Information from a Photo Detector Array	United States of America	Jul 25, 2006
7084912	AVGO-0017.00/US	METHOD FOR REDUCING COHERENT ROW-WISE AND COLUMN-WISE FIXED PATTERN NOISE IN CMOS IMAGE SENSORS	United States of America	Aug 1, 2006
7084914	PBIT-0167.00/US	VARIABLE PIXEL CLOCK ELECTRONIC SHUTTER CONTROL	United States of America	Aug 1, 2006
7087944	2002-0057.00/US	IMAGER SENSOR HAVING A CHARGE STORAGE REGION PROVIDED WITHIN AN IMPLANT REGION	United States of America	Aug 8, 2006
7088392	AVGO-0026.00/US	DIGITAL IMAGE SYSTEM AND METHOD FOR IMPLEMENTING AN ADAPTIVE DEMOSAICING METHOD	United States of America	Aug 8, 2006
7088394	PBIT-0148.00/US	CHARGE MODE ACTIVE PIXEL SENSOR READ-OUT CIRCUIT	United States of America	Aug 8, 2006
7088917	AVGO-0091.00/US	BUBBLE MACRO MODE LENS	United States of America	Aug 8, 2006
7091059	1997-1490.04/US	METHOD OF FORMING A PHOTSENSOR COMPRISING A PLURALITY OF TRENCHES	United States of America	Aug 15, 2006
7091466	2003-0713.00/US	APPARATUS AND METHOD FOR PIXEL BINNING IN AN IMAGE SENSOR	United States of America	Aug 15, 2006
7091531	2003-0833.00/US	HIGH DYNAMIC RANGE PIXEL AMPLIFIER	United States of America	Aug 15, 2006
7091536	2002-0058.00/US	ISOLATION PROCESS AND STRUCTURE FOR CMOS IMAGERS	United States of America	Aug 15, 2006
7092021	PBIT-0112.00/US	FRAME SHUTTERING SCHEME FOR INCREASED FRAME RATE	United States of America	Aug 15, 2006
7095122	2004-0465.00/US	REDUCED-DIMENSION MICROELECTRONIC COMPONENT ASSEMBLIES WITH WIRE BONDS AND METHODS OF MAKING SAME	United States of America	Aug 22, 2006